

Page 1  
Changed chart(s) since Disc 23-2009  
ADD = Added chart, REV = Revised chart, DEL = Deleted chart.  
ACT    PROCEDURE IDENT                    INDEX    REV DATE            EFF DATE

No revision activity since Disc 23-2009

**TERMINAL CHART NOTAMs**

No Chart NOTAMs for Airport USPP

**General Info**

Perm, RUS  
N 57° 54.8' E 56° 01.4' Mag Var: 13.8°E  
Elevation: 404'

Public, IFR, Control Tower, Customs, Landing Fee  
Fuel: Jet A-1  
Repairs: Minor Airframe, Minor Engine

Time Zone Info: GMT+5:00 no DST

**Runway Info**

Runway 03-21 10499' x 161' concrete

Runway 03 (32.0°M) TDZE 383'  
Lights: Edge, ALS  
Runway 21 (212.0°M) TDZE 393'  
Lights: Edge, ALS

**Communications Info**

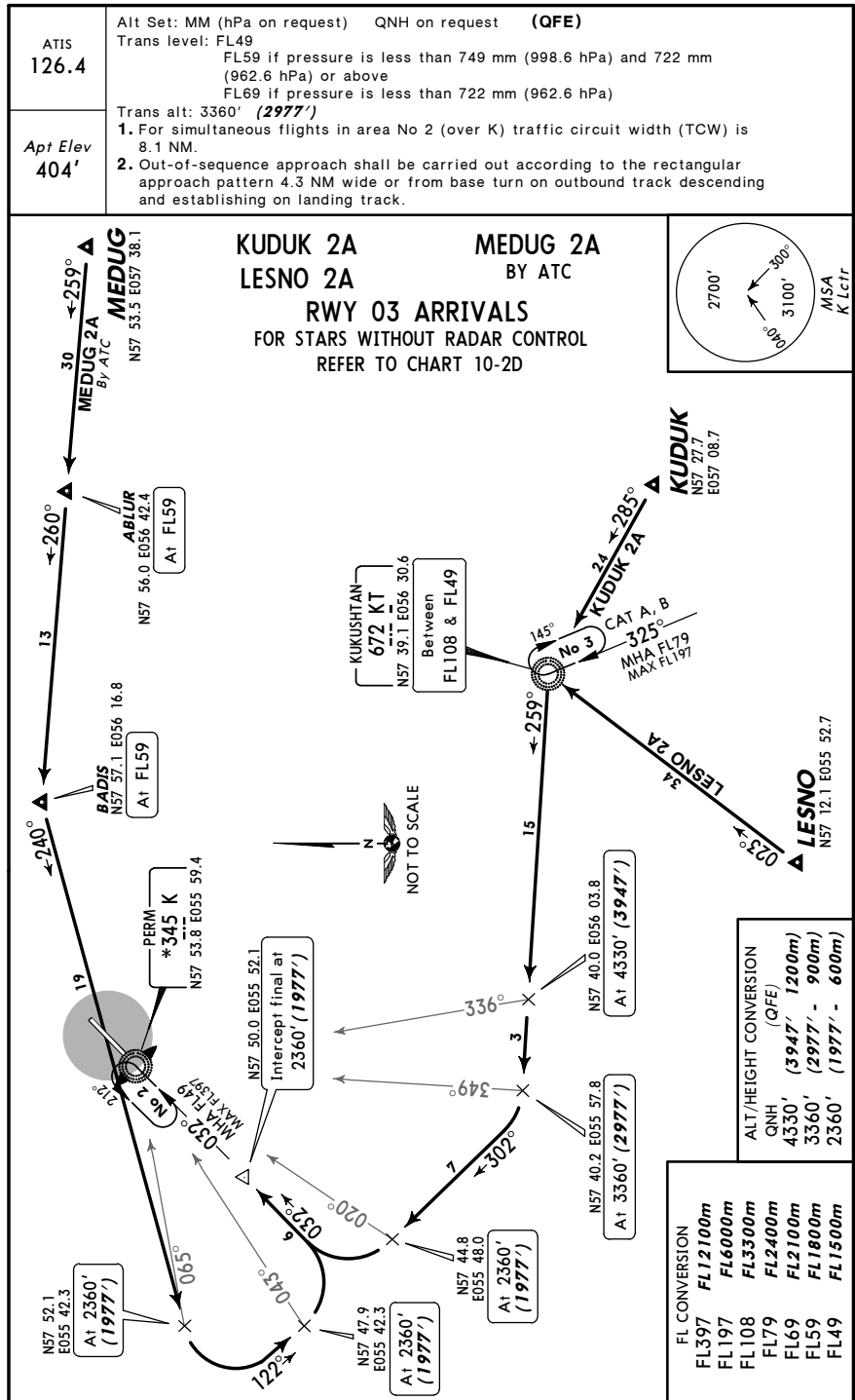
ATIS **126.4**  
Perm Start Tower **124.0** At or below 1970'  
Perm Approach Control **127.1** Between 16700' and 1970'

**Notebook Info**

USPP/PEE  
BOLSHOYE SAVINO

JEPPESEN  
1 FEB 08 (10-2) Eff 14 Feb

PERM, RUSSIA  
STAR



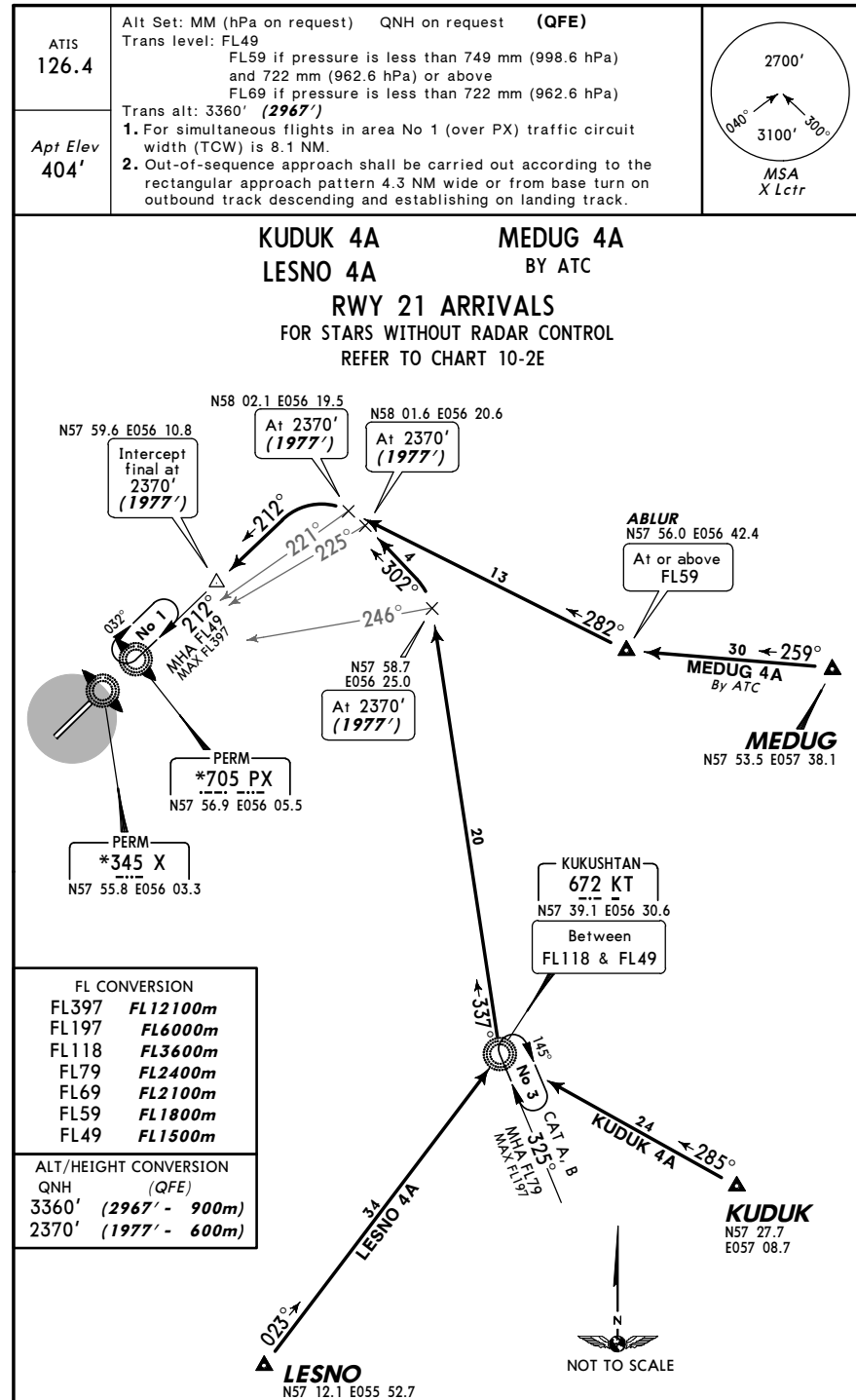
CHANGES: STARS completely revised.

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BOLSHOYE SAVINO

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1 FEB 08 (10-2A) Eff 14 Feb

PERM, RUSSIA  
STAR



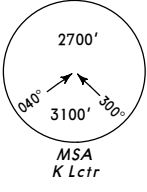
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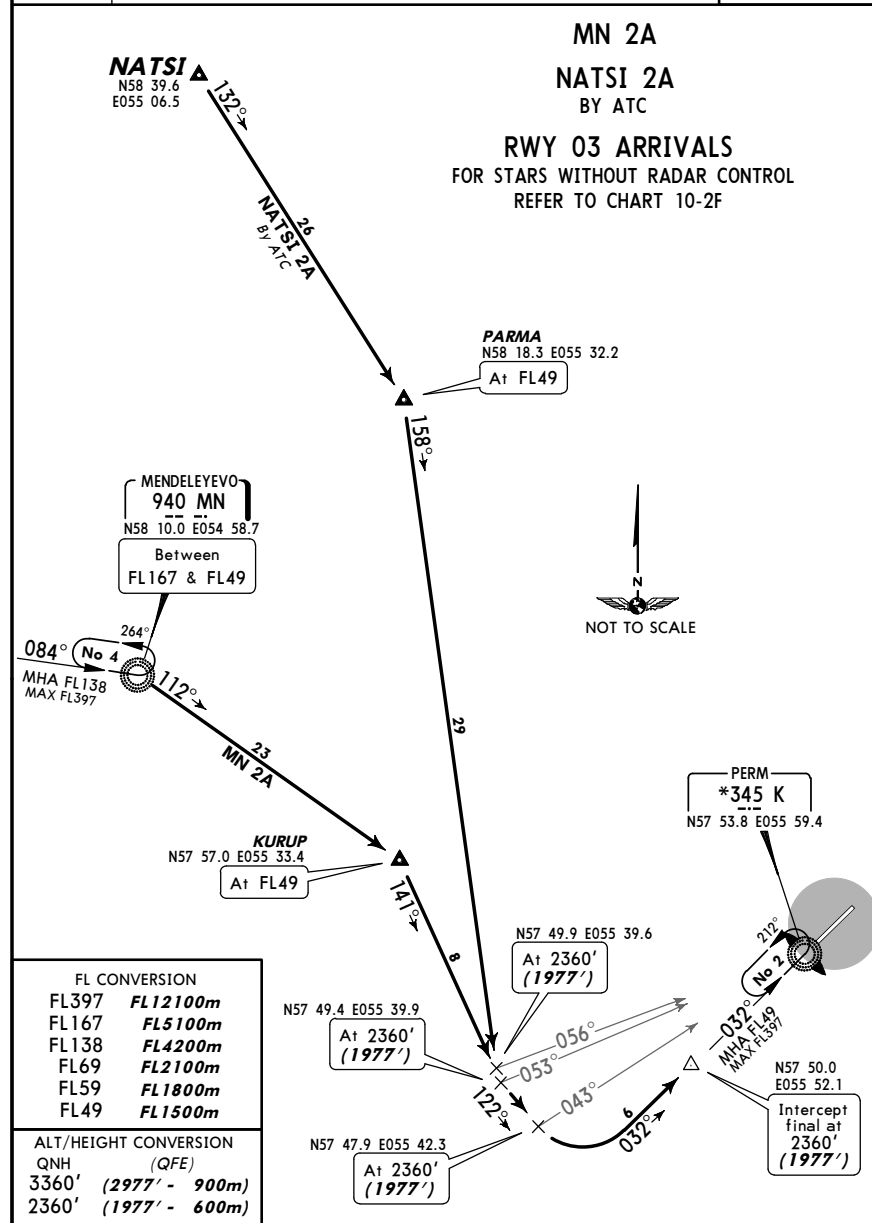
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JEPPESEN  
1 FEB 08 (10-2B) Eff 14 Feb

PERM, RUSSIA  
STAR

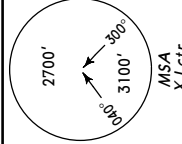
ATIS 126.4	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL49 FL59 if pressure is less than 749 mm (998.6 hPa) and 722 mm (962.6 hPa) or above FL69 if pressure is less than 722 mm (962.6 hPa) Trans alt: 3360' (2977')	
Apt Elev 404'	1. For simultaneous flights in area No 2 (over K) traffic circuit width (TCW) is 8.1 NM. 2. Out-of-sequence approach shall be carried out according to the rectangular approach pattern 4.3 NM wide or from base turn on outbound track descending and establishing on landing track.	

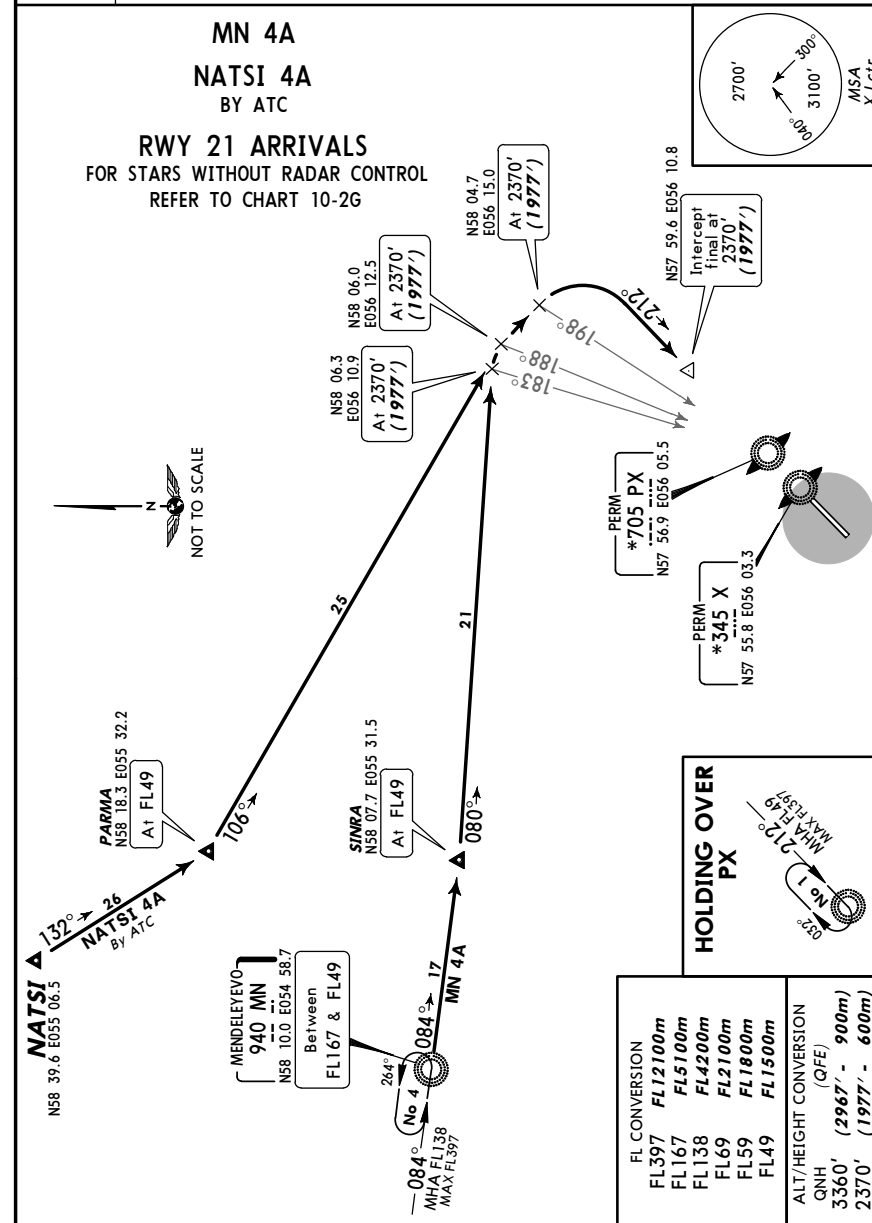


USPP/PEE  
BOLSHOYE SAVINO

JEPPESEN  
1 FEB 08 (10-2C) Eff 14 Feb

PERM, RUSSIA  
STAR

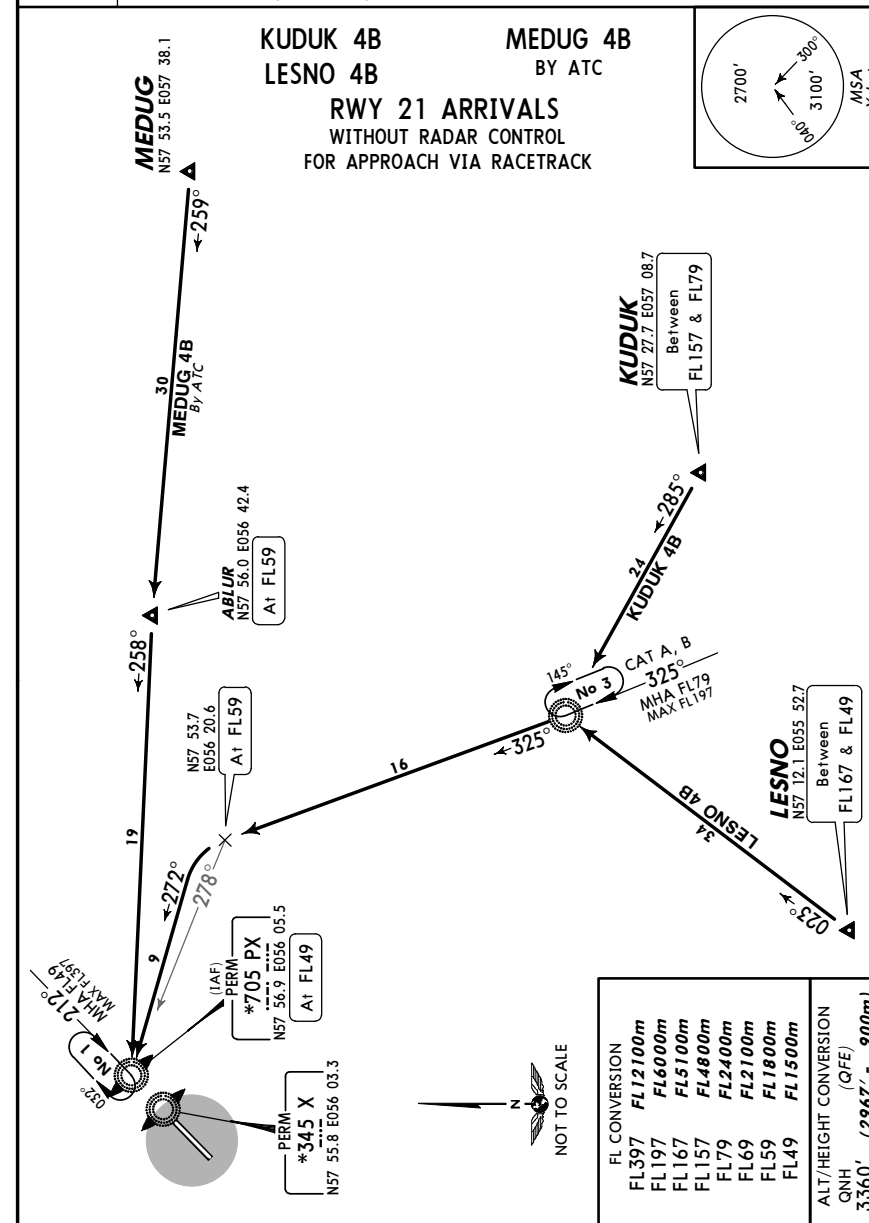
ATIS 126.4	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL49 FL59 if pressure is less than 749 mm (998.6 hPa) and 722 mm (962.6 hPa) or above FL69 if pressure is less than 722 mm (962.6 hPa) Trans alt: 3360' (2967')	
Apt Elev 404'	1. For simultaneous flights in area No 1 (over PX) traffic circuit width (TCW) is 8.1 NM. 2. Out-of-sequence approach shall be carried out according to the rectangular approach pattern 4.3 NM wide or from base turn on outbound track descending and establishing on landing track.	



PERM, RUSSIA  
STAR

PERM, RUSSIA  
STAR

ATIS <b>126.4</b>	Alt Set: MM (hPa on request)    QNH on request <b>(QFE)</b> Trans level: FL49 FL59 if pressure is less than 749 mm (998.6 hPa) and 722 mm (962.6 hPa) or above FL69 if pressure is less than 722 mm (962.6 hPa)
	Trans alt: 3360' <b>(2967')</b> 1. For simultaneous flights in area No 1 (over PX) traffic circuit width (TCW) is 8.1 NM. 2. Out-of-sequence approach shall be carried out according to the rectangular approach pattern 4.3 NM wide or from base turn on outbound track descending and establishing on landing track.
Apt Elev <b>404'</b>	

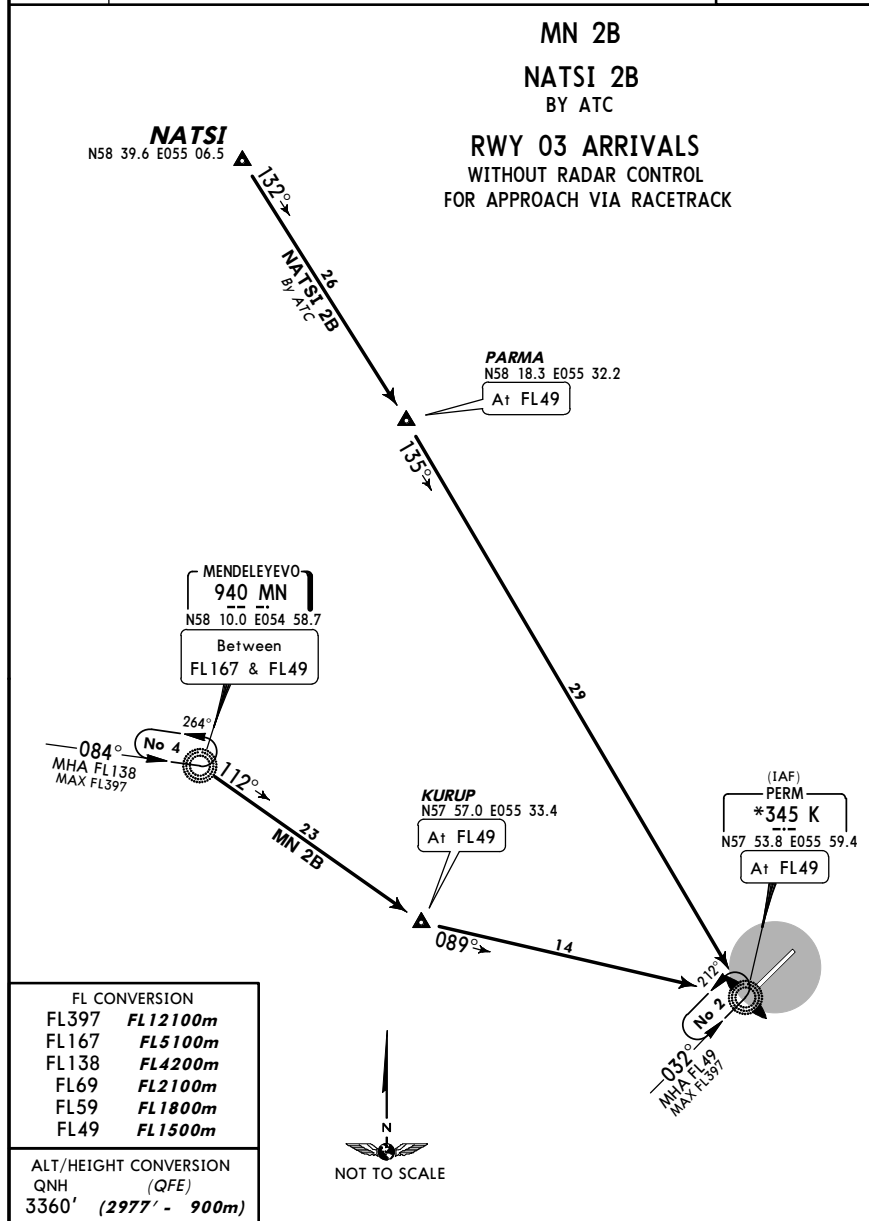


USPP/PEE  
BOLSHOYE SAVINO

JEPPESEN  
1 FEB 08 **10-2F** Eff 14 Feb

PERM, RUSSIA  
STAR

ATIS 126.4	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL49 FL59 if pressure is less than 749 mm (998.6 hPa) and 722 mm (962.6 hPa) or above FL69 if pressure is less than 722 mm (962.6 hPa) Trans alt: 3360' (2977')	
Apt Elev 404'	1. For simultaneous flights in area No 2 (over K) traffic circuit width (TCW) is 8.1 NM. 2. Out-of-sequence approach shall be carried out according to the rectangular approach pattern 4.3 NM wide or from base turn on outbound track descending and establishing on landing track.	

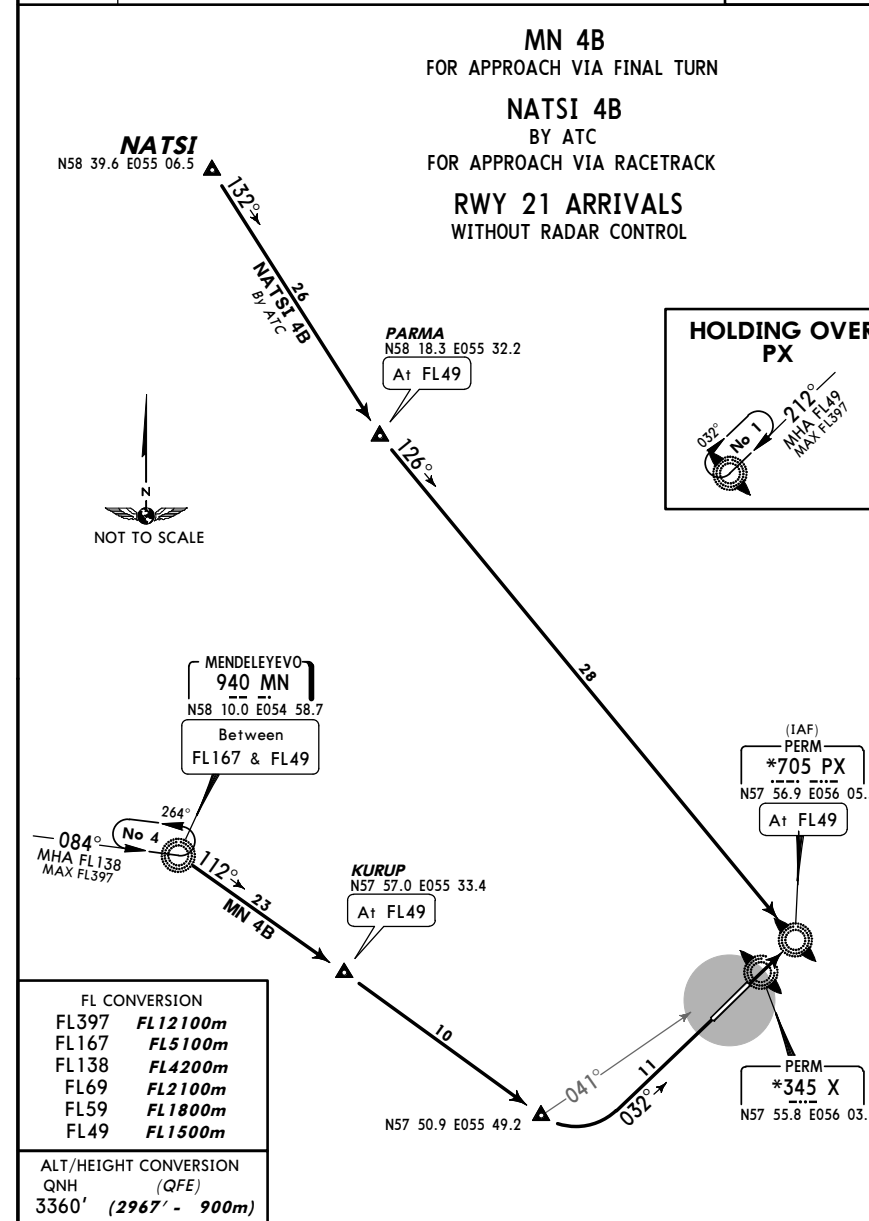


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BOLSHOYE SAVINO

JEPPESEN  
1 FEB 08 **10-2G** Eff 14 Feb

PERM, RUSSIA  
STAR

ATIS 126.4	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL49 FL59 if pressure is less than 749 mm (998.6 hPa) and 722 mm (962.6 hPa) or above FL69 if pressure is less than 722 mm (962.6 hPa) Trans alt: 3360' (2967')	
Apt Elev 404'	1. For simultaneous flights in area No 1 (over PX) traffic circuit width (TCW) is 8.1 NM. 2. Out-of-sequence approach shall be carried out according to the rectangular approach pattern 4.3 NM wide or from base turn on outbound track descending and establishing on landing track.	



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BOLSHOYE SAVINO

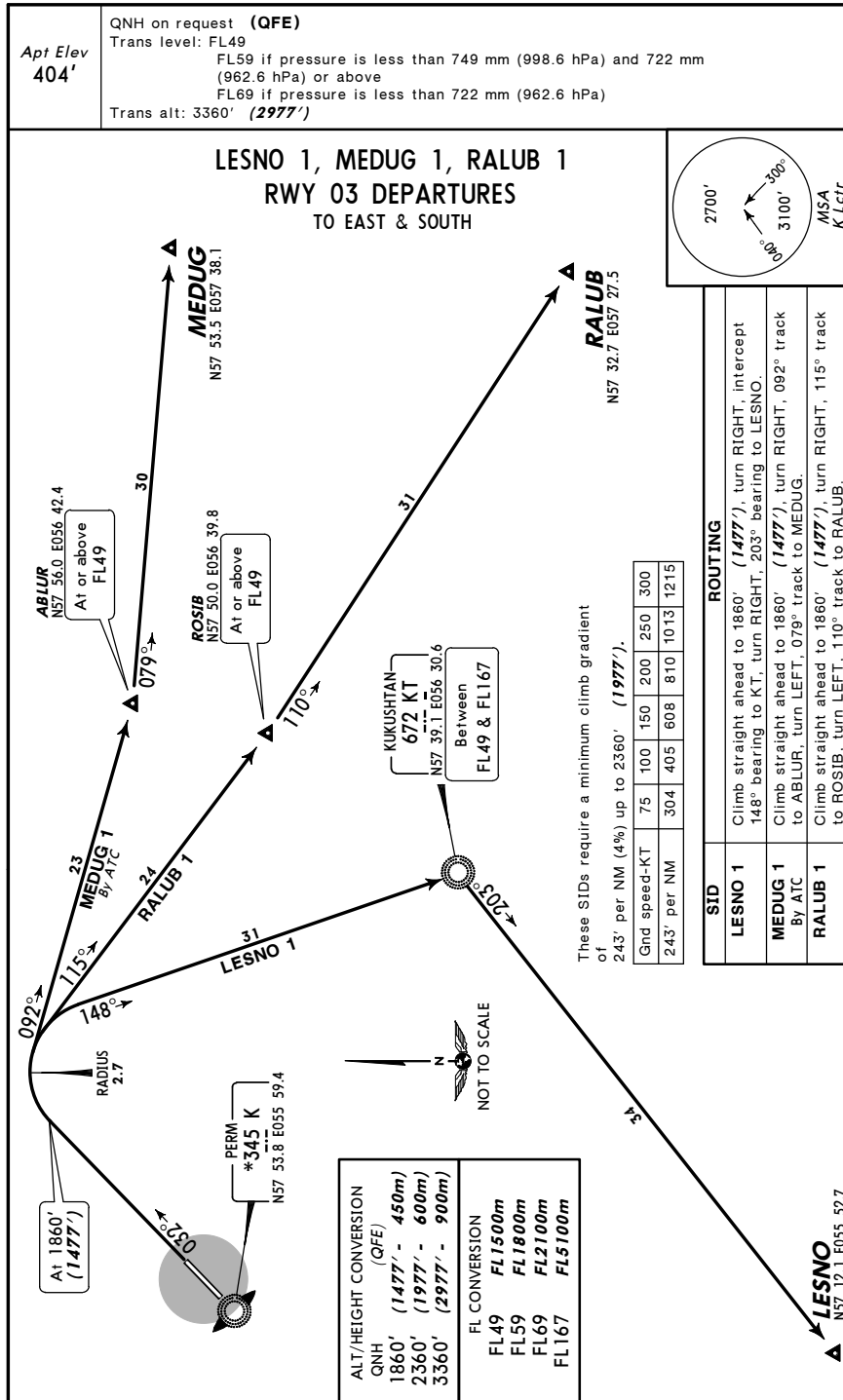
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1 FEB 08 10-3

Eff 14 Feb

PERM, RUSSIA

SID



CHANGES: SIDs completely revised.

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BOLSHOYE SAVINO

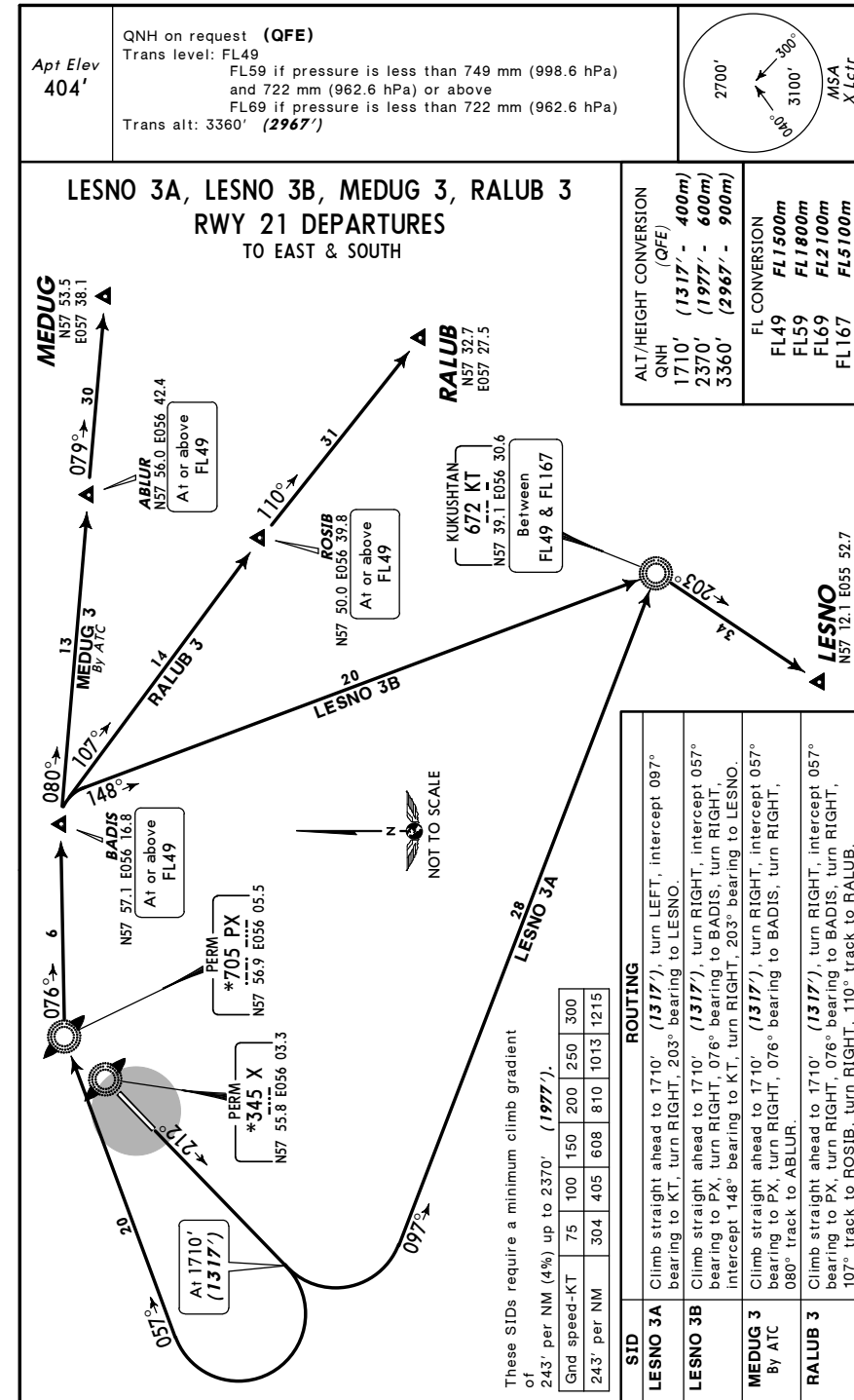
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1 FEB 08 10-3A

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SID



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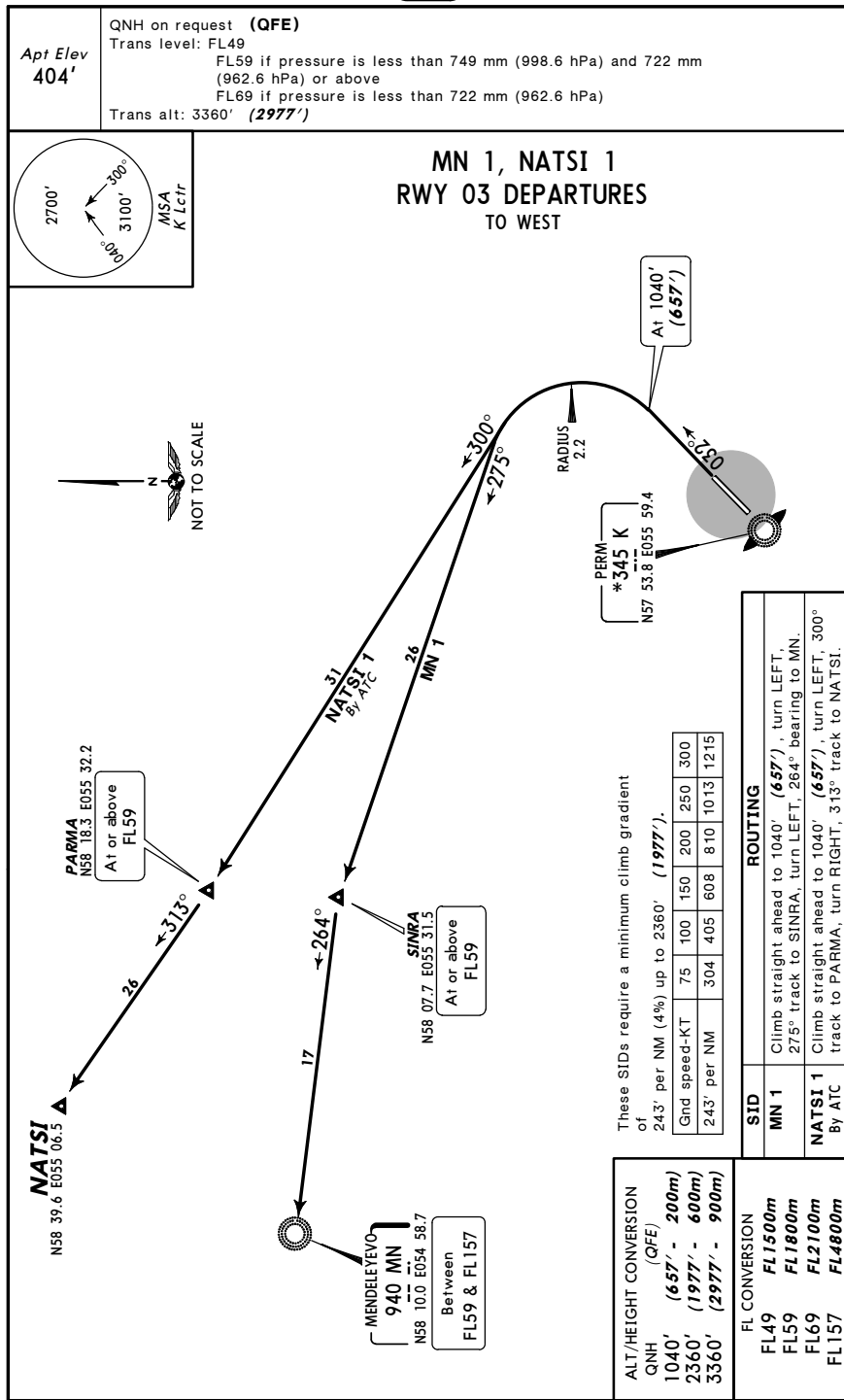
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1 FEB 08 (10-3B) Eff 14 Feb

PERM, RUSSIA

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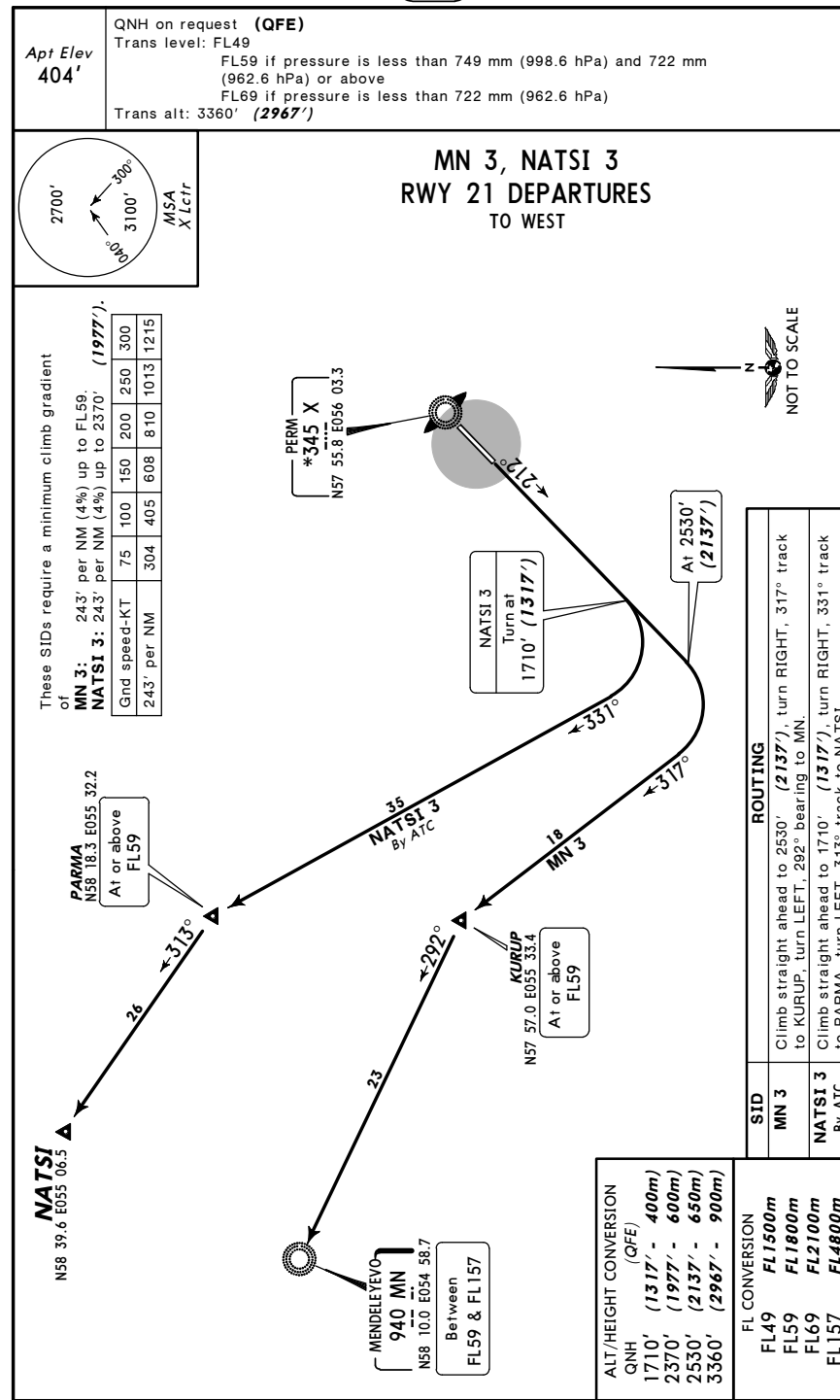
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1 FEB 08 (10-3C) Eff 14 Feb

PERM, RUSSIA

SID



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USPP/PEE  
BOLSHOYE SAVINO 1 FEB 08 10-4 Eff 14 Feb PERM, RUSSIA  
NOISE

## NOISE ABATEMENT

### GENERAL

Noise abatement procedures shall be executed by all aircraft.  
If special meteorological conditions are present in arrival and approach sectors, ATS may at its own discretion or by a PICs request deviate from the provisions given below, if it is necessary for safety reasons.

### DEPARTURES

#### SPECIAL TAKE-OFF PROCEDURES

Flight crews shall use the following special procedure during take-off from runway 03 and execution of SID LESNO 1, MEDUG 1 or RALUB 1.

Take-off and climbing to 1860' (1477')

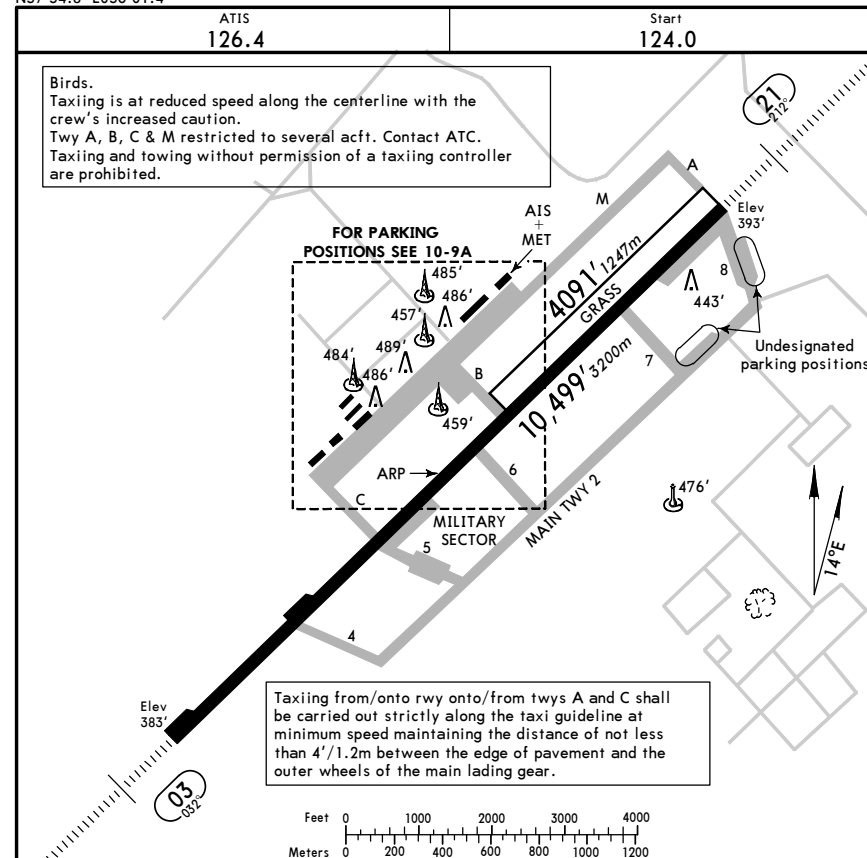
Take-off power  
Take-off flaps  
Landing gear shall be set into en-route position  
 $V_2 + 11 - 22$  KT  
At 1860' (1477') Reduce engine power to minimum while maintaining positive rate of climb  
Between 1860' (1477') - 3360' (2977') Maintain engine power  
Wing devices shall be set into take-off or intermediate position according to Airplane Flight Manual  
Climb at  $V_2 + 11 - 22$  KT taking into account restrictions connected with angle and pitch;  
Execute first turn not before 5.4 NM from runway  
At 3360' (2977') Reduce rate of climb  
Accelerate to speed of wing deiced set into en-route position  
Wing devices shall be set into phase-by-phase enroute position  
Above 3360' (2977') Further climb shall be executed at speed recommended by the Airplane Flight Manual

#### Restrictions

These procedures are not applied in cases when

- one of the engines failed during take-off phase,
- the runway is dirty and wet,
- visibility is less than 2000m,
- cross-wind component (including gusts) exceeds 8m/sec,
- a tailwind component (including gusts) exceeds 2m/sec,
- when wind shear is forecasted or reported or it is expected that thunderstorms may influence the conditions of take-off and climbing of aircraft.

USPP/PEE  
Apt Elev 404'  
N57 54.8 E056 01.4 1 FEB 08 10-9 Eff 14 Feb PERM, RUSSIA  
BOLSHOYE SAVINO



ADDITIONAL RUNWAY INFORMATION					
RWY			USABLE LENGTHS		
			Threshold	Glide Slope	TAKE-OFF
03	HIRL (60m)	HIALS	PAPI-L (angle 3.00°)		161'
21	HIRL (60m)	HIALS	PAPI-L (angle 2.67°)	7300' 2225m	49m
03	Grass runway				328'
21					100m

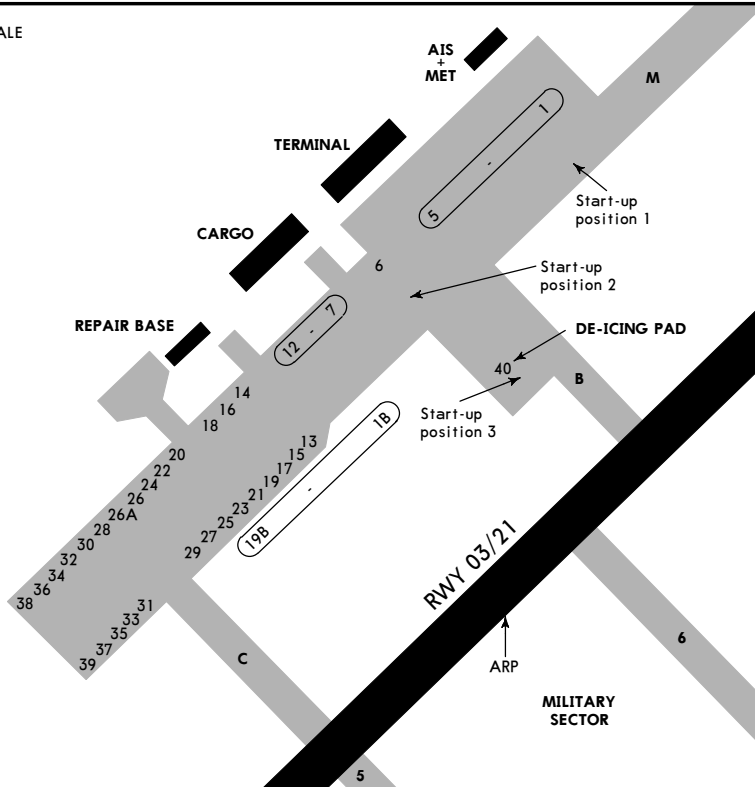
TAKE-OFF		
AIR CARRIER (JAA)		
Main rwy 03/21		
	LVP must be in force RCLM (DAY only) or RL	RCLM (DAY only) or RL
A		
B	250m	400m
C		
D	300m	

USPP/PEE

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1 FEB 08 **(10-9A)** Eff 14 Feb

PERM, RUSSIA  
BOLSHOYE SAVINO

NOT TO SCALE



INS COORDINATES

STAND No.

COORDINATES

1, 2  
3  
4, 5

N57 55.2 E056 01.4  
N57 55.1 E056 01.4  
N57 55.1 E056 01.3

Stands 19, 26A, 32 and 40 available for engines run-up.  
Stands 13 thru 30 and grass stands 1B thru 19B available for helicopters.

USPP/PEE

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1 FEB 08 **(10-9X)** Eff 14 Feb

JAA MINIMUMS  
PERM, RUSSIA  
BOLSHOYE SAVINO

STRAIGHT-IN RWY	A	B	C	D
03				
NDB	1010' (627')	1010' (627')	1010' (627')	1010' (627')
with 7.5 NM RDP	R1000m	R1200m	R1200m	R1600m
ALS out	R1500m	R1500m	R2000m	R2000m
NDB	1600' (1217')	1600' (1217')	1600' (1217')	1600' (1217')
w/o 7.5 NM RDP	R1200m	R1400m	R1400m	R1800m
ALS out	R1500m	R1500m	R2000m	R2000m
21				
ILS	593' (200')	593' (200')	593' (200')	593' (200')
	R550m	R550m	R550m	R550m
ALS out	R1000m	R1000m	R1000m	R1000m
LOC	720' (327')	720' (327')	720' (327')	720' (327')
	R900m	R1000m	R1000m	R1400m
ALS out	R1500m	R1500m	R1800m	R2000m
2 NDB	730' (337')	730' (337')	730' (337')	730' (337')
with 6.4 NM RDP	R900m	R1000m	R1000m	R1400m
ALS out	R1500m	R1500m	R1800m	R2000m
2 NDB	1650' (1257')	1650' (1257')	1650' (1257')	1650' (1257')
w/o 6.4 NM RDP	R1200m	R1400m	R1400m	R1800m
ALS out	R1500m	R1500m	R2000m	R2000m
PX LOM	730' (337')	730' (337')	730' (337')	730' (337')
with 6.4 NM RDP	R900m	R1000m	R1000m	R1400m
ALS out	R1500m	R1500m	R1800m	R2000m
X LMM	960' (567')	960' (567')	960' (567')	960' (567')
w/o 6.4 NM RDP	R1000m	R1200m	R1200m	R1600m
ALS out	R1500m	R1500m	R2000m	R2000m

TAKE-OFF RWY 03, 21

LVP must be in Force		
RCLM (DAY only) or RL	RCLM (DAY only) or RL	NIL (DAY only)
A		
B	250m	400m
C		500m
D	300m	

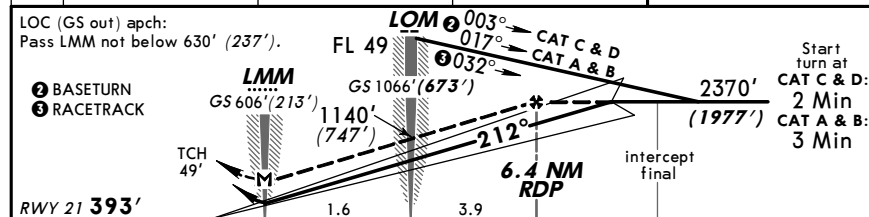
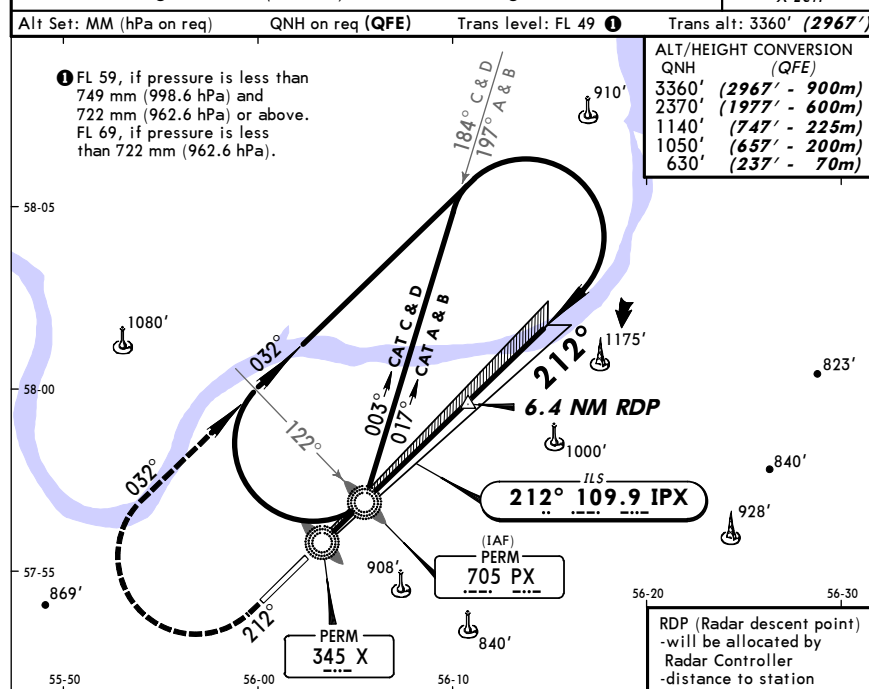
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BOLSHOYE SAVINO

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1 FEB 08 (11-1) Eff 14 Feb

PERM, RUSSIA  
ILS or LOC Rwy 21

ATIS		PERM Approach (R)		PERM Start (TWR)	
126.4		127.1		124.0	
LOC IPX	Final Aptch Crs	GS LOM	ILS DA(H)	Apt Elev 404'	
109.9	212°	1066' (673')	593' (200')	RWY 393'	

MISSED APCH: Climb on 212° to 1050' (657'), then turn RIGHT onto 032° climbing to 2370' (1977'), then according to chart.



Gnd speed-Kts	70	90	100	120	140	160	HIALS	1050' (657') on 212°	032°	2370' (1977')
ILS GS 2.67°	336	432	480	576	671	767	PAPI			
LOC Desc Gradient 5.2%	369	474	527	632	737	843				
MAP at LMM										

STRAIGHT-IN LANDING RWY 21		LOC (GS out)	
ILS DA(H) 593' (200')		MDA(H) 720' (327')	
FULL	ALS out	LMM out	ALS out
A			
B			
C	800m	1200m	1600m
D		1200m	

CHANGES: Ground service withdrawn. MSA. Trans level. Procedure. Minimums.

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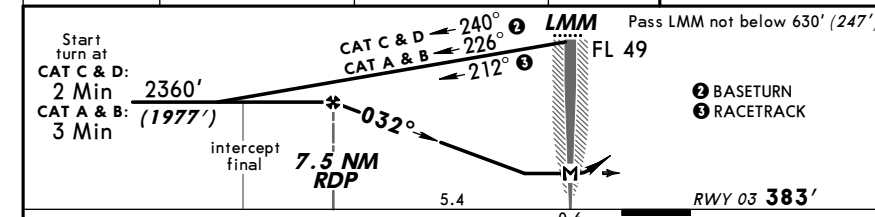
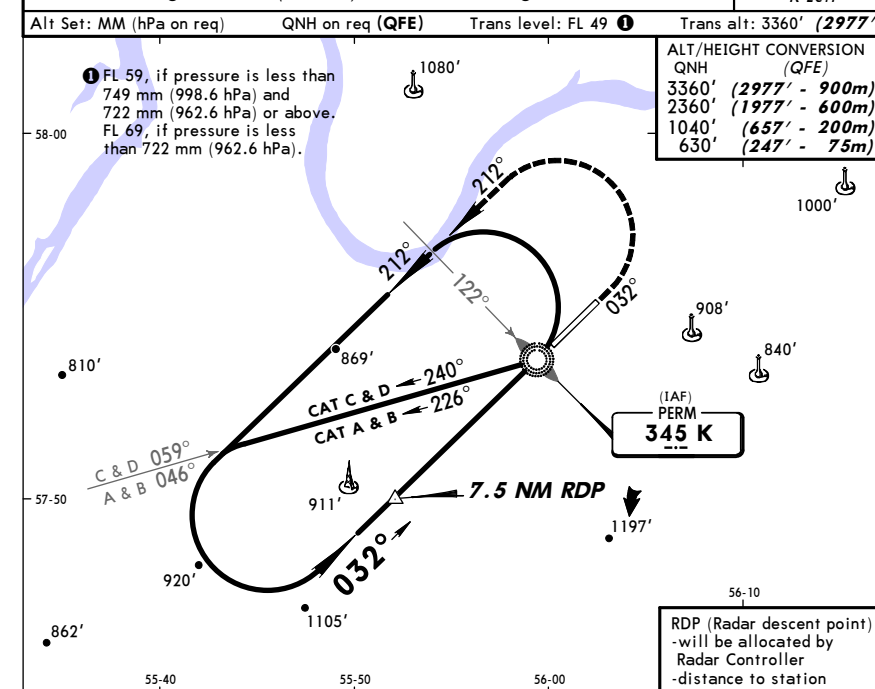
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BOLSHOYE SAVINO

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1 FEB 08 (16-1) Eff 14 Feb

PERM, RUSSIA  
NDB Rwy 03

ATIS		PERM Approach (R)		PERM Start (TWR)	
126.4		127.1		124.0	
Lctr K	Final Aptch Crs	Minimum Alt 7.5 RDP	MDA(H) (CONDITIONAL)	Apt Elev 404'	
345	032°	2360' (1977')	1010' (627')	RWY 383'	

MISSED APCH: Climb on 032° to 1040' (657'), then turn LEFT onto 212° climbing to 2360' (1977'), then according to chart.



Gnd speed-Kts	70	90	100	120	140	160	HIALS	1040' (657') on 032°	212°	2360' (1977')
Descent Gradient 5.2%	369	474	527	632	737	843	PAPI			
MAP at LMM										

STRAIGHT-IN LANDING RWY 03		With 7.5 NM RDP		W/o 7.5 NM RDP	
		MDA(H) 1010' (627')		MDA(H) 1600' (1217')	
		ALS out		ALS out	
A					
B	1200m	1600m	1200m	2000m	
C	2000m	2800m	1600m	2400m	
D	2800m	3200m	4000m	4800m	

CHANGES: Ground service withdrawn. MSA. Trans level. Procedure. Minimums.

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BOLSHOYE SAVINO

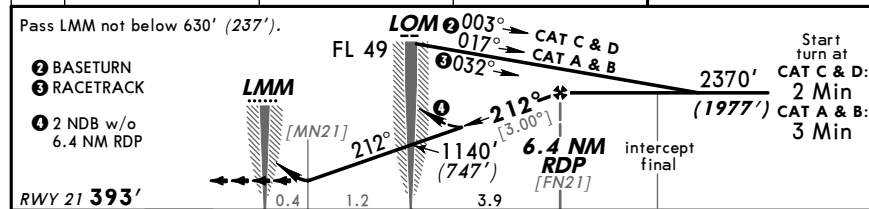
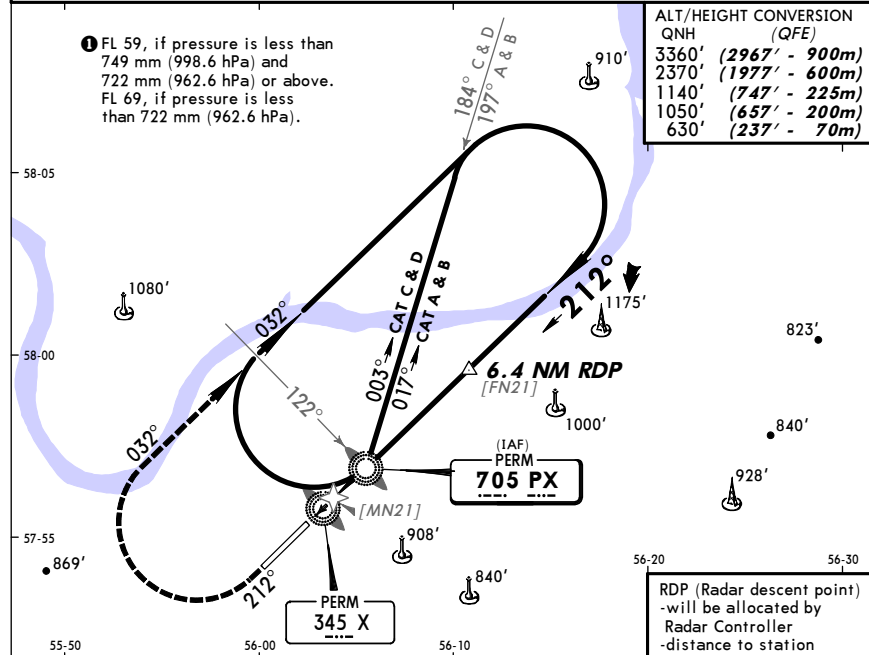
1 FEB 08  
Eff 14 Feb

16-2

PERM, RUSSIA  
2 NDB or NDB Rwy 21

ATIS 126.4		PERM Approach (R) 127.1		PERM Start (TWR) 124.0	
NDB PX 705	Final Apch Crs 212°	Minimum Alt 6.4 NM RDP 2370' (1977')	MDA(H) Refer to Minimums	Apt Elev 404'	RWY 393'
MISSED APCH: Climb on 212° to 1050' (657'), then turn RIGHT onto 032° climbing to 2370' (1977'), then according to chart.					

Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 49 1 Trans alt: 3360' (2967')



Gnd speed-Kts	70	90	100	120	140	160	HIALS	1050' (657') on 212°	032°	2370' (1977')
Desc grad 5.24% or Descent angle [3.00°]	372	478	531	637	743	849	PAPI		RT	

STRAIGHT-IN LANDING RWY 21							
2 NDB				PX LOM		X LMM	
With 6.4 NM RDP MDA(H) 730' (337')		W/o 6.4 NM RDP MDA(H) 1650' (1257')		With 6.4 NM RDP MDA(H) 730' (337')		With 6.4 NM RDP MDA(H) 960' (567')	
ALS out		ALS out		ALS out		ALS out	
A							
B	1200m	1600m	2400m	3200m	1200m	1600m	2200m
C			4000m	4800m			3000m
D	1600m	4400m			1600m	2600m	